

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128151.D
 Acq On : 09 May 2022 16:12
 Operator : CG\JU
 Sample : PB144686BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144686BL

Quant Time: May 09 17:11:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

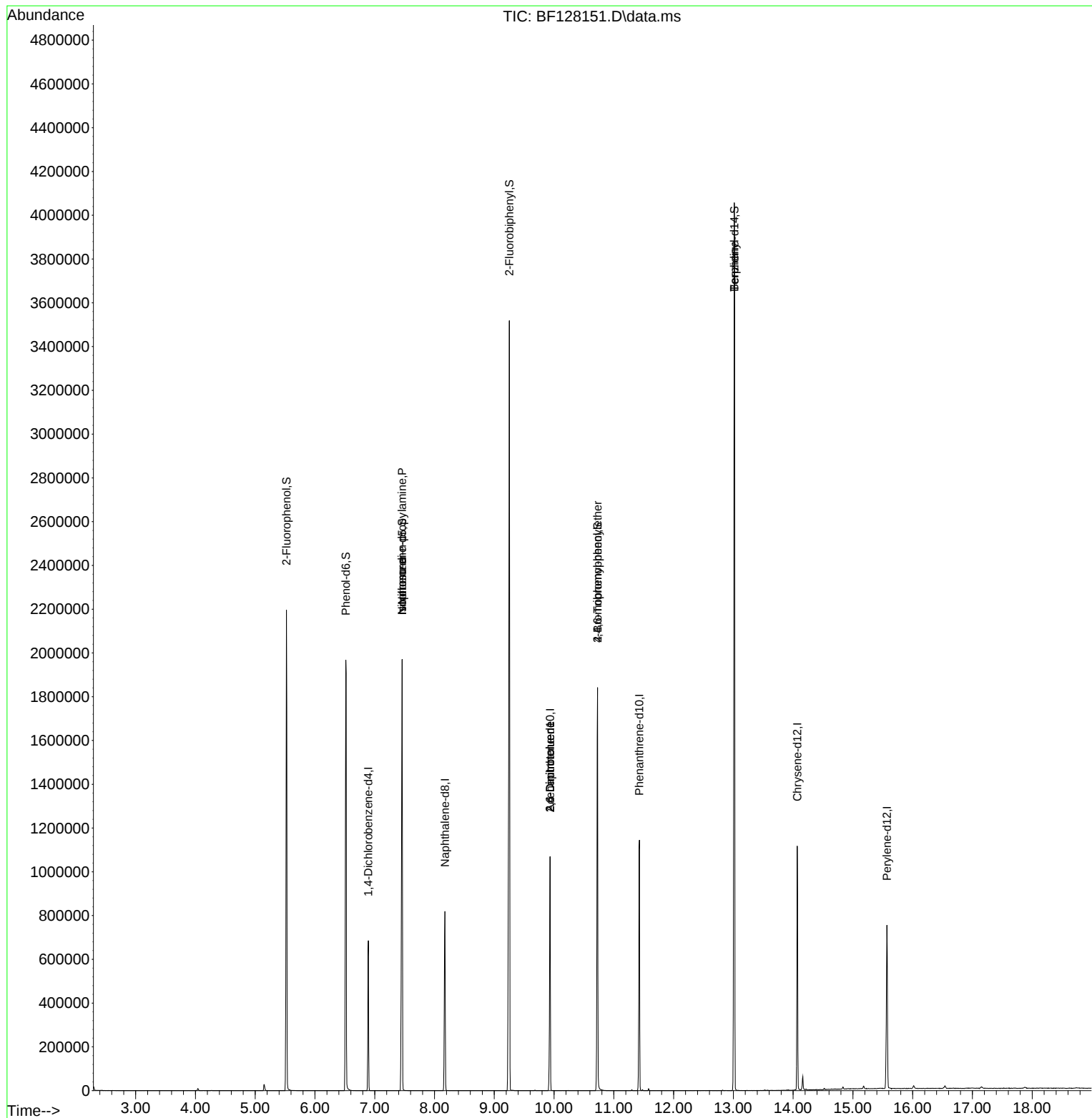
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	95546	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	395992	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	231997	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	437742	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	383530	20.000	ng	-0.01
86) Perylene-d12	15.569	264	337796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	563468	94.012	ng	0.00
7) Phenol-d6	6.516	99	723867	91.311	ng	-0.01
23) Nitrobenzene-d5	7.457	82	751299	85.370	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	231214	86.899	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1266239	85.401	ng	0.00
79) Terphenyl-d14	13.016	244	1627147	79.608	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	1302	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	103547	21.210	ng	# 79
25) Isophorone	7.457	82	748897	54.279	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	30252	9.212	ng	# 21
57) 2,4-Dinitrotoluene	9.934	165	30252	6.889	ng	# 26
67) 4-Bromophenyl-phenylether	10.728	248	13991	2.971	ng	# 1
77) Benzidine	13.016	184	24169	2.910	ng	# 93

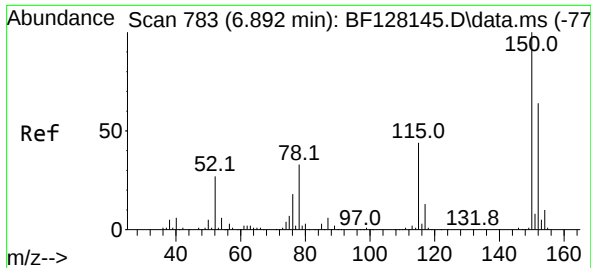
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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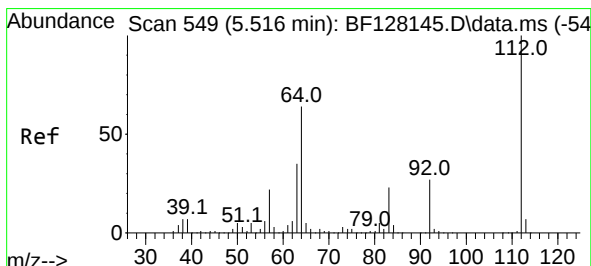
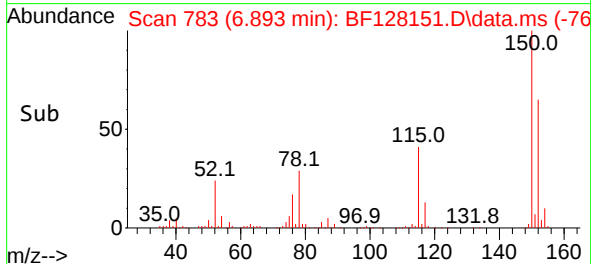
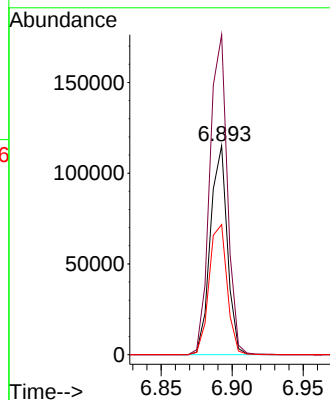
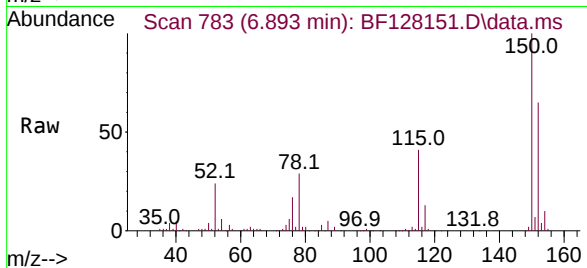




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF128151.D
 Acq: 09 May 2022 16:12

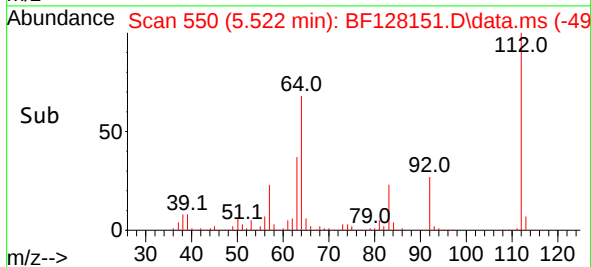
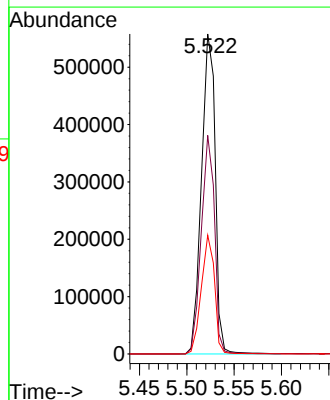
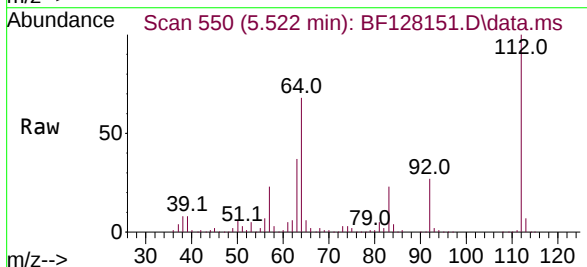
Instrument :
 BNA_F
 ClientSampleId :
 PB144686BL

Tgt Ion:152 Resp: 95546
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.3 187.9
 115 62.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 94.012 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.006 min
 Lab File: BF128151.D
 Acq: 09 May 2022 16:12

Tgt Ion:112 Resp: 563468
 Ion Ratio Lower Upper
 112 100
 64 68.3 49.5 74.3
 63 37.1 26.3 39.5

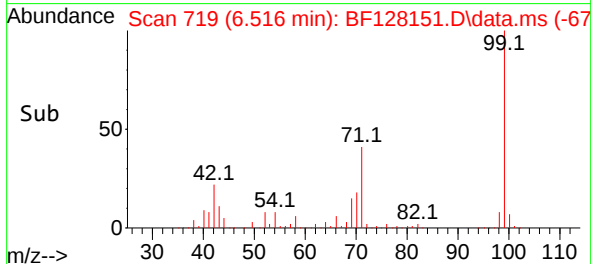
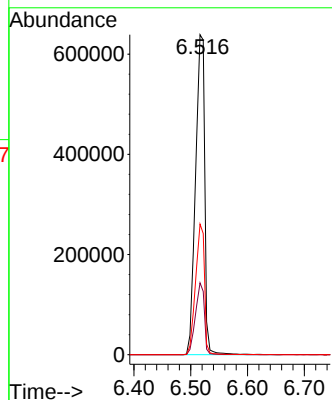
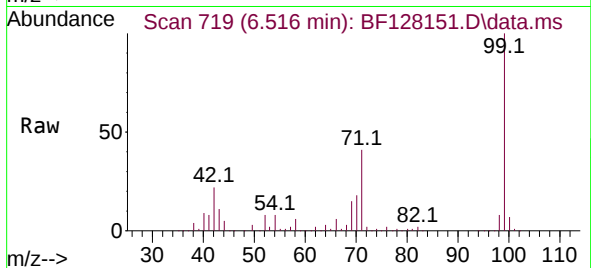




#7
Phenol-d6
Concen: 91.311 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

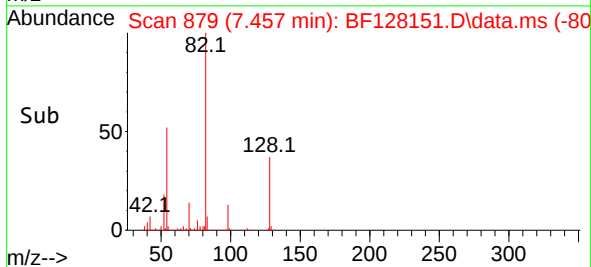
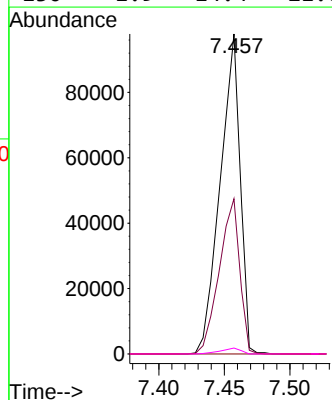
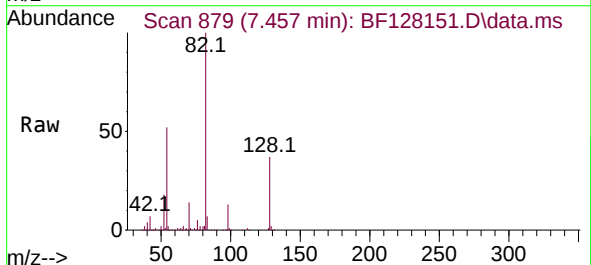
Instrument :
BNA_F
ClientSampleId :
PB144686BL

Tgt Ion: 99 Resp: 723867
Ion Ratio Lower Upper
99 100
42 22.5 16.6 24.8
71 40.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.210 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Tgt Ion: 70 Resp: 103547
Ion Ratio Lower Upper
70 100
42 48.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

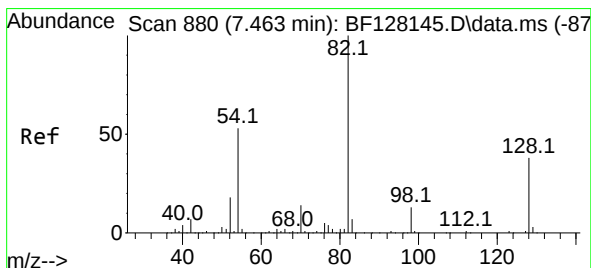
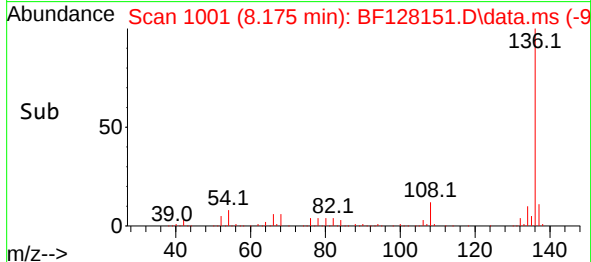
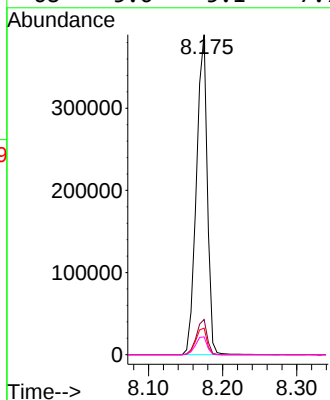
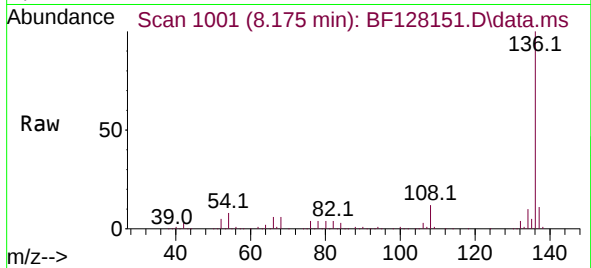




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

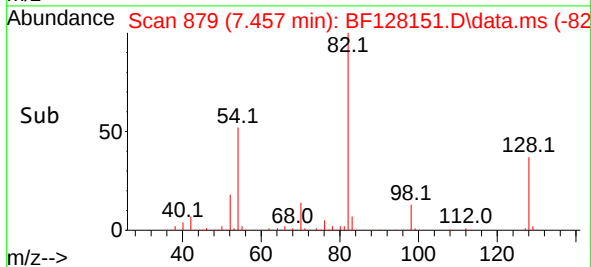
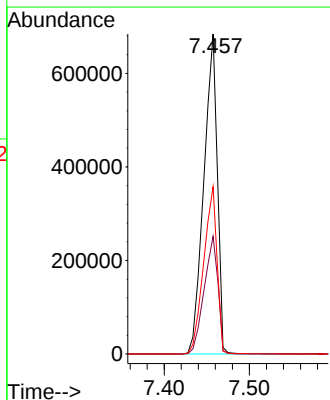
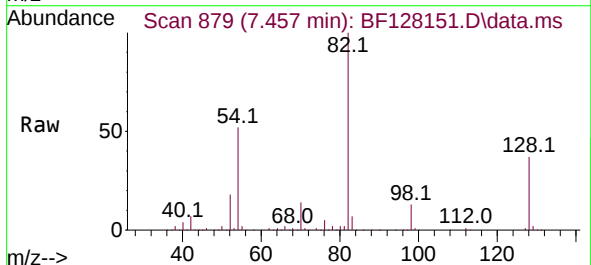
Instrument :
BNA_F
ClientSampleId :
PB144686BL

Tgt Ion:	136	Resp:	395992
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	8.3	6.8	10.2
68	5.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 85.370 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Tgt Ion:	82	Resp:	751299
Ion Ratio	Lower	Upper	
82	100		
128	36.7	30.0	45.0
54	52.3	41.3	61.9

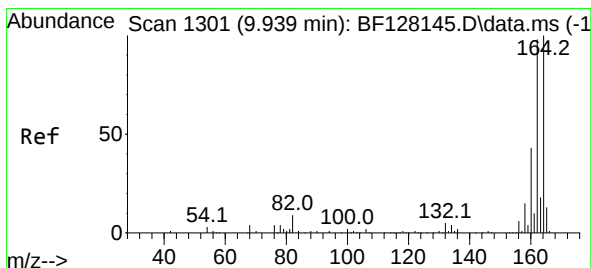
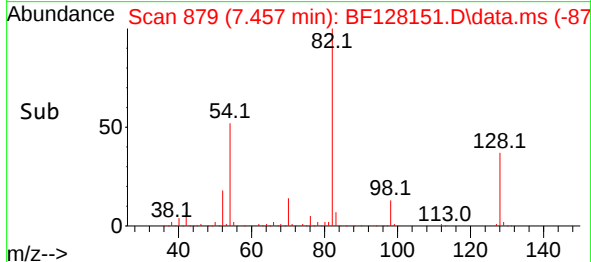
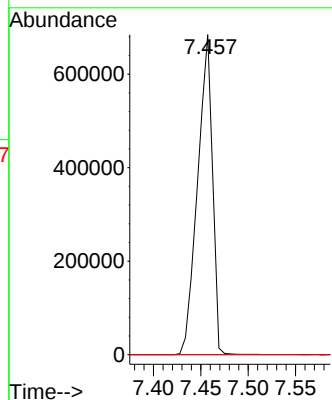
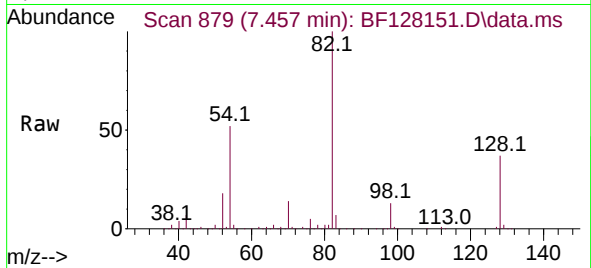




#25
Isophorone
Concen: 54.279 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

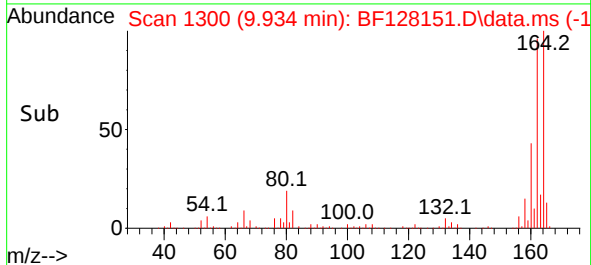
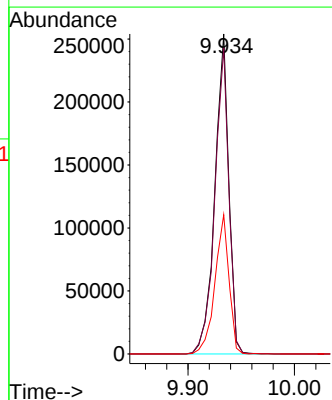
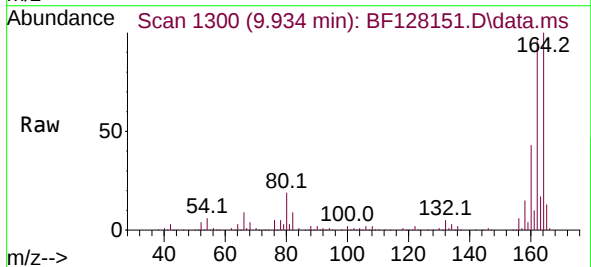
Instrument :
BNA_F
ClientSampleId :
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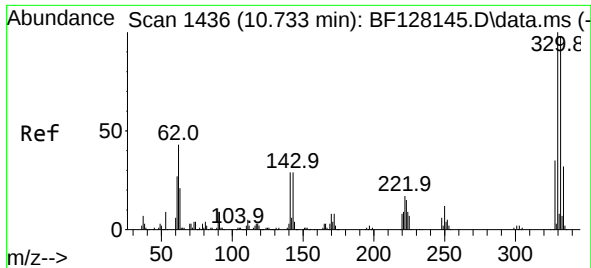
Tgt Ion: 82 Resp: 748897
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

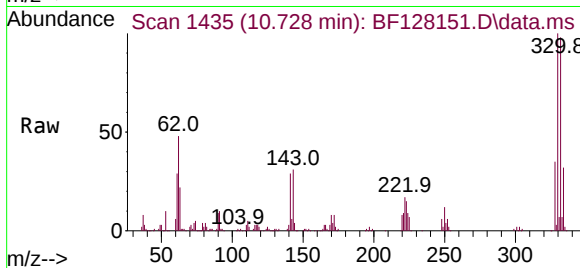
Tgt Ion:164 Resp: 231997
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 43.5 34.8 52.2



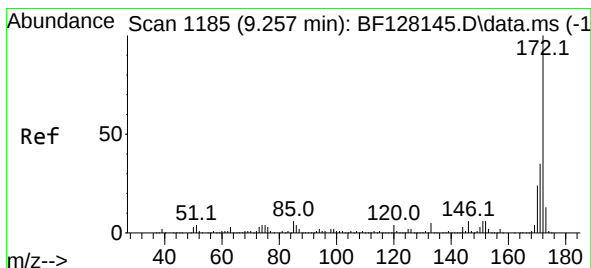
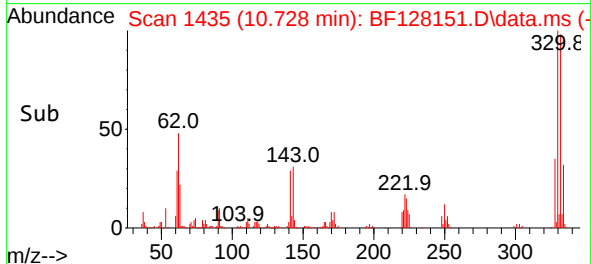
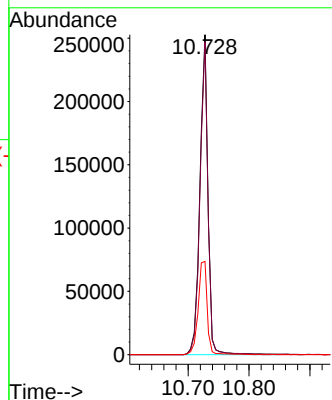


#42
2,4,6-Tribromophenol
Concen: 86.899 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Instrument :
BNA_F
ClientSampleId :
PB144686BL

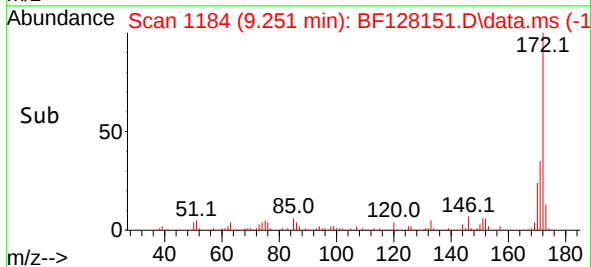
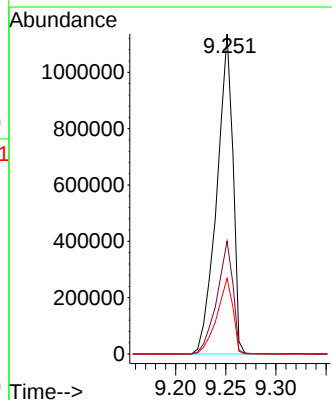
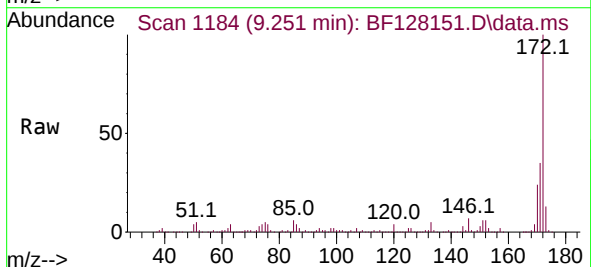


Tgt Ion:330 Resp: 231214
Ion Ratio Lower Upper
330 100
332 96.5 79.0 118.4
141 32.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 85.401 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Tgt Ion:172 Resp: 1266239
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.6 19.1 28.7

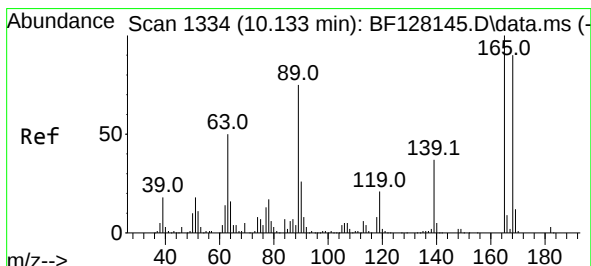
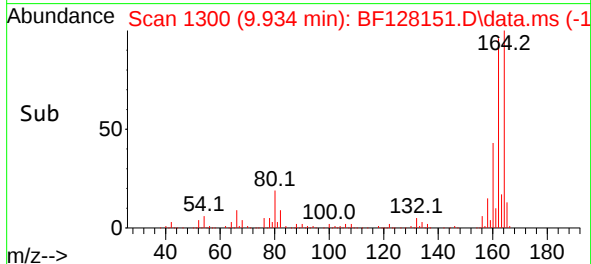
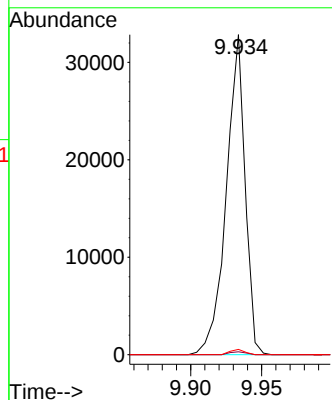
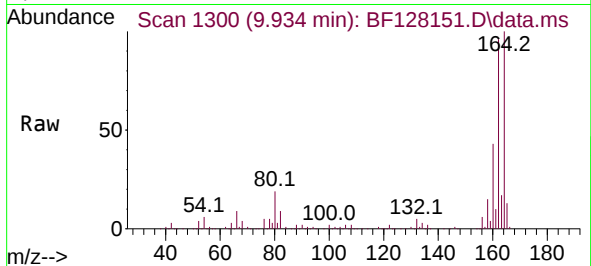




#51
2,6-Dinitrotoluene
Concen: 9.212 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

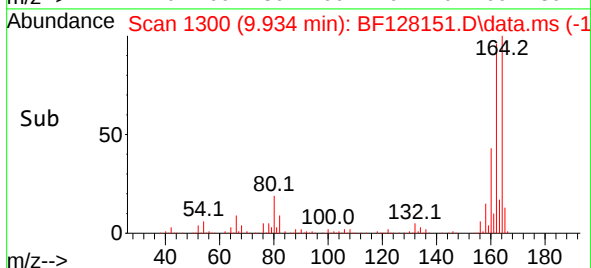
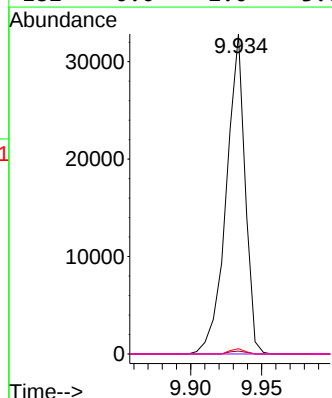
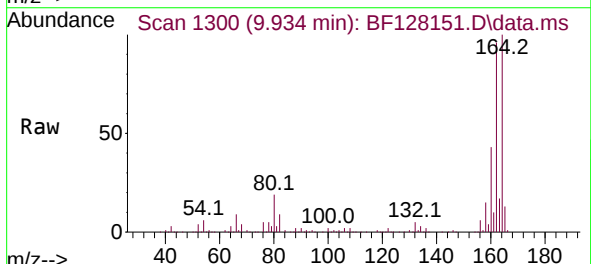
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ClientSampleId :
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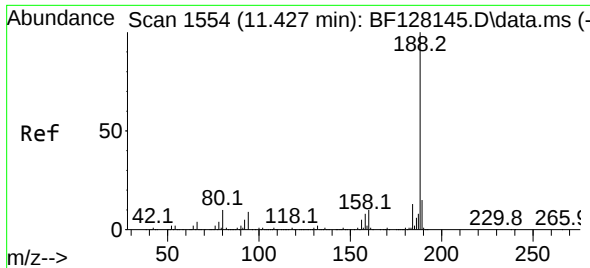
Tgt Ion:165 Resp: 30252
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.889 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Tgt Ion:165 Resp: 30252
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

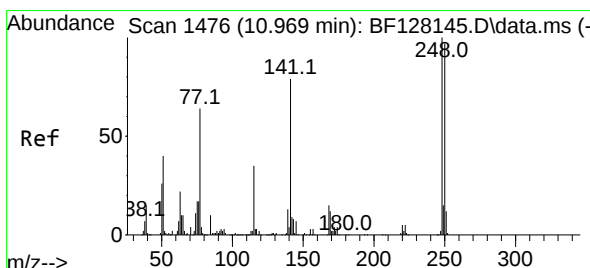
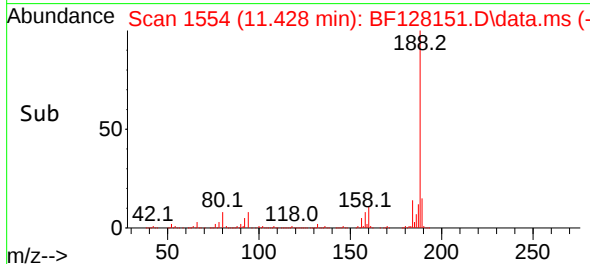
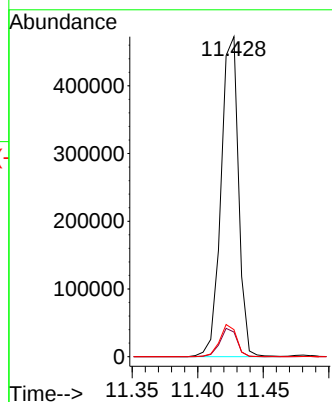
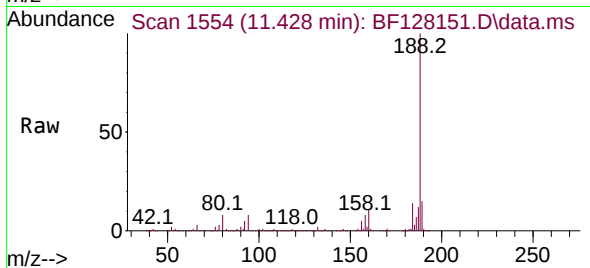




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

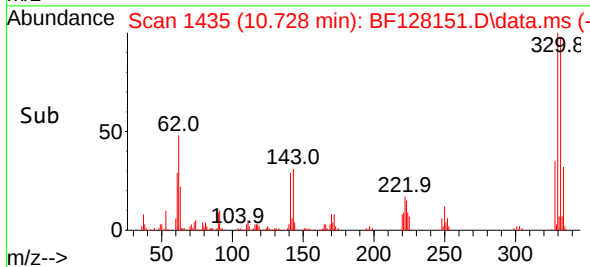
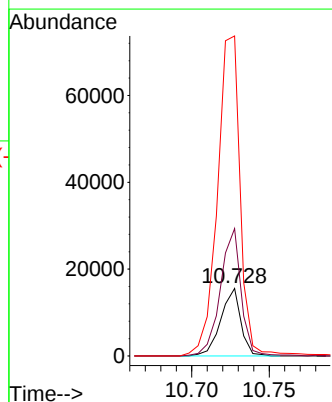
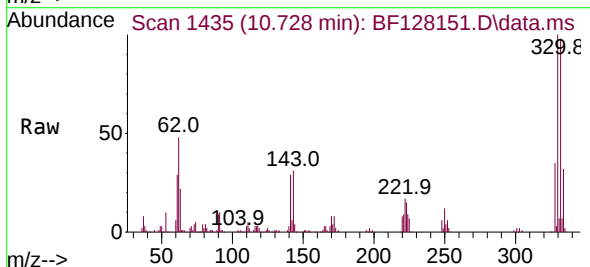
Instrument :
BNA_F
ClientSampleId :
PB144686BL

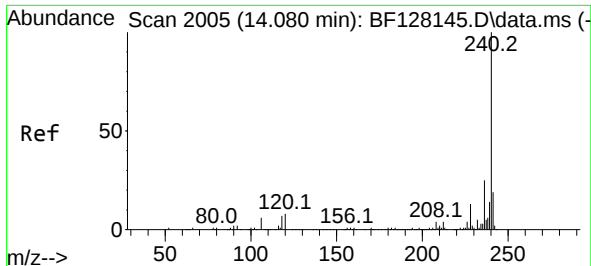
Tgt Ion:188 Resp: 437742
Ion Ratio Lower Upper
188 100
94 7.7 8.0 12.0#
80 8.5 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 2.971 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Tgt Ion:248 Resp: 13991
Ion Ratio Lower Upper
248 100
250 188.6 77.7 116.5#
141 473.7 65.6 98.4#

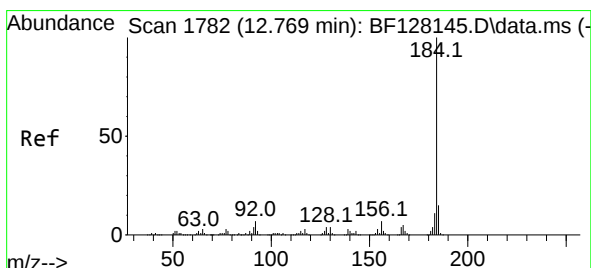
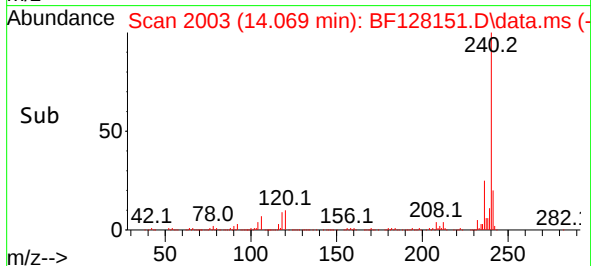
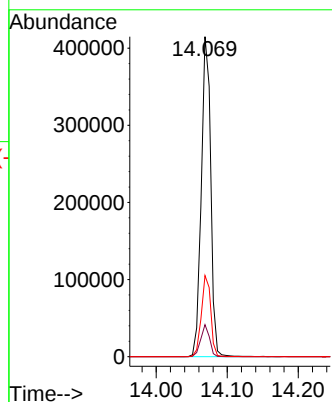
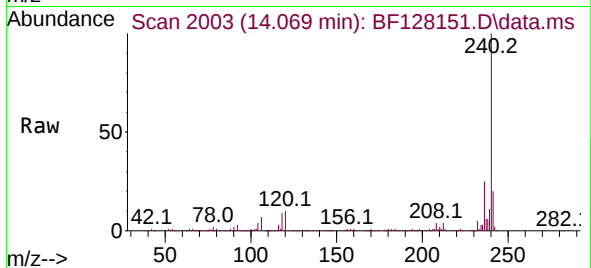




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

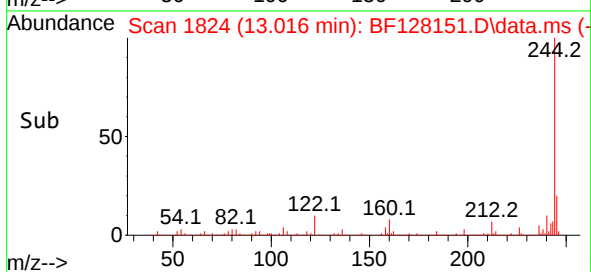
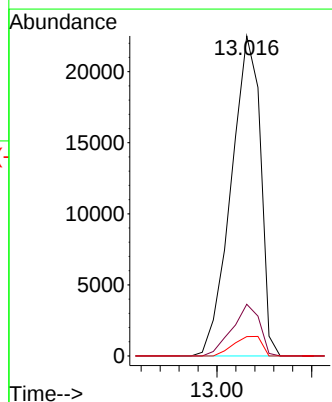
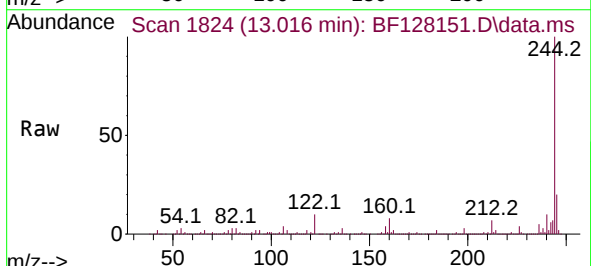
Instrument :
BNA_F
ClientSampleId :
PB144686BL

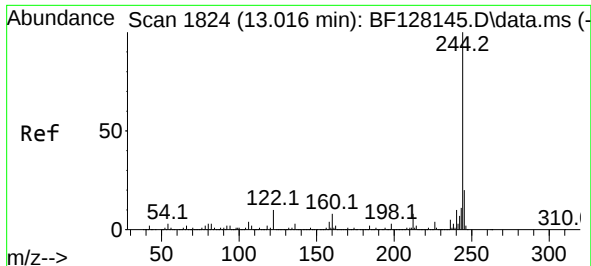
Tgt Ion:240 Resp: 383530
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 2.910 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128151.D
Acq: 09 May 2022 16:12

Tgt Ion:184 Resp: 24169
Ion Ratio Lower Upper
184 100
185 16.2 12.1 18.1
183 6.1 9.0 13.4#

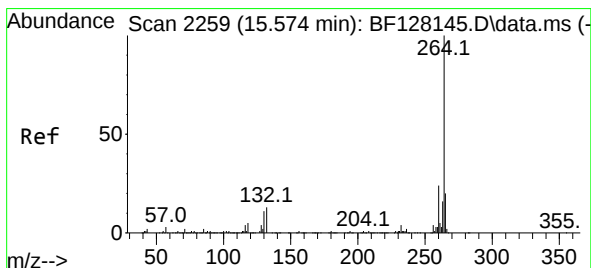
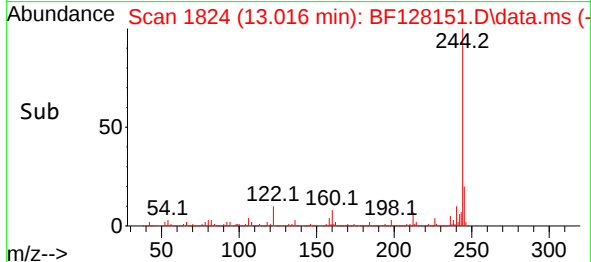
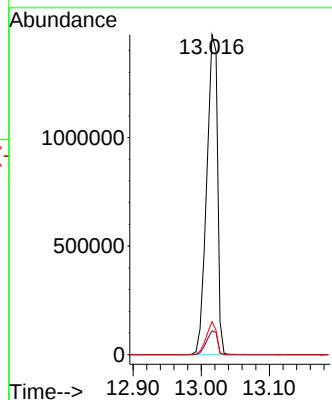
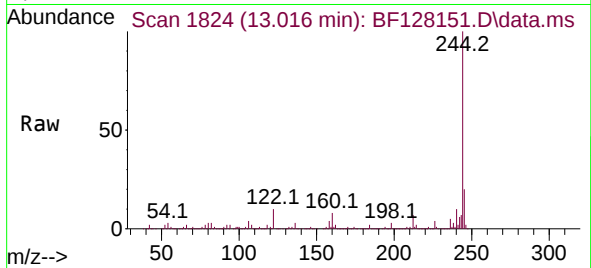




#79
 Terphenyl-d14
 Concen: 79.608 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF128151.D
 Acq: 09 May 2022 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB144686BL

Tgt Ion:244 Resp: 1627147
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.569 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128151.D
 Acq: 09 May 2022 16:12

Tgt Ion:264 Resp: 337796
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.5 17.5 26.3

